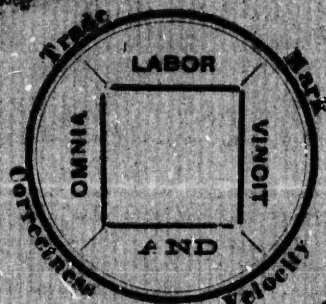


1880.

**Improved Plow Works**



**J. G. COCKSHUTT.**

—MANUFACTURER OF THE—



**WIARD PLOW**

With True Chilled Mouldboard.

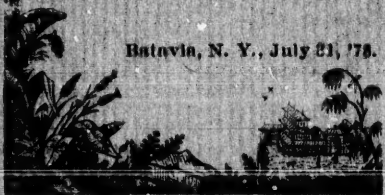
*To whom it may concern :*

Whereas several Plow Manufacturers are undertaking the manufacture of our Plows in the Dominion of Canada without our consent, and are therefore guilty of an infringement, for which they are liable, we take this opportunity of stating that we have assigned to Jas. G. Cockshutt, Esq., of the city of Brantford, the sole and only right of manufacture and use of our Patents and Processes. He is the only maker in the Dominion of Canada who is making the "Genuine Wiard Plows" from the original patterns, and using the same processes and material. All others are using patterns made from plows taken down, from which it is impossible to make a first class article.

**WIARD-~~PLOW~~-CO.,**

Batavia, N. Y., July 21, '78.

Per J. H. Smith, Secretary,



# WIARD FLOW.

Modern Adjustable Malleable Beam.



## Directions for Adjusting Beam, Jointer, Wheel Arbor and Clevis.

— 0 —

**To Adjust Beam:**—If the plow takes too much land turn the rear end of the Beam to the right or towards the moldboard. If not land enough turn to the left or towards the end side. Horses that work well apart will cause the plow to take more land than if near together; always adjust beam accordingly. For two horses turn rear end of the beam nearly or quite to the left side of the standard. For three horses turn it to right of Standard, in either case as far as is found necessary.

**To Adjust Jointer:**—For two-horse plowing bolt the lower section of the Jointer on the left or land side of the jointer standard. For three horses, bolt the lower section of the jointer on the right side of the jointer standard. The point of jointer should be set about four inches in advance of the plow point—and should cut from  $\frac{1}{4}$  to  $\frac{1}{2}$  inches wider than the plow and not over  $\frac{1}{2}$  or 2 inches deep. Always remember and get the wedge under the band on top of the beam.

**To Adjust Wheel Arbor:**—For two horses, turn the thick side of the tapered collar (that part between the wheel and standard) to the front. For three horses turn the thin side to the front by loosening the nut on the right of the standard and turning arbor half over.

The height of the jointer will generally have to be regulated according to the depth the plow runs. It does the best work when it only takes a shallow furrow—say  $1\frac{1}{2}$  or 2 inches deep and cuts it clean from the main furrow. Most people run the jointer TOO DEEP and do too much work with it. Care should always be used by the plowman that the jointer cuts about on a line with his plow, and never allow it to cut NARROWER. If any variation, it should cut about half an inch or an inch wider than the plow cuts.

**To Adjust Clevis:**—In moderately hard or dry ground the clevis should be used in the second notch from the bottom. In wet land the Plow will work better with the clevis in the lowest notch. With the clevis low and the tugs long, the WIARD FLOW will always run steady and level.

**To Plow Very Hard Ground:**—Put on a cutter share. If the land is grassy leave on the Jointer, if it is not, remove it altogether, you can then go through anything.

The rear end of the land side should IN ALL CASES run on the bottom of the furrow and any Plow that does not do this runs on its nose or end of the point and not level as it should, and will not do good work in any soil. The plow should run level and straight, and if drawn straight it will stand up alone and do good work, where there are not too many stones, WITHOUT TOUCHING THE HANDLES, and a plow that will not do this when properly adjusted is not worthy of its name.

We ask the attention of both dealers and purchasers to The Uniform Hardness and Fineness of our Mouldboards—The Important Advantages of our Adjustable Jointer—The Manner of Fastening and Bracing our Handles.—The Convenience of our Doubly Adjustable Wheel Standard, and the Thorough Manner in which all our goods are made and finished.

# I Claim That the Wierd Plow is

## FIRST

The strongest and most durable Plow in the market.

## SECOND

The best Plow extant for hard, dry or stony ground.

## THIRD

The best Plow ever offered for general purpose work in both sod and stubble. A 16 inch furrow can be turned with my new wide share or a narrow furrow with the ordinary share.

## FOURTH

The best Plow in the market for making a good seedbed, as a square furrow is turned and the largest portion possible of mellow earth is brought to the top, which with a sloping landside is left in the bottom.

## WARRANTY

We warrant each Plow to do first-class work when properly adjusted. After a day's trial in the field, if it fails to give satisfaction, notice must be given to the dealer selling it, and reasonable time given him to make it work as represented, failing in which the Plow can then be returned. If used longer than one full day the Plow will be considered sold. We also warrant our Beams, Mouldboards, Landsides and Wheel and Jointer Standards against breakage from any flaw or defect in their manufacture, during the current year.

## THE JOINTER

The object of using a jointer (or small plow) in place of the coulter is to divide the furrow-slice and thus more thoroughly pulverize the soil. The Jointer carries its small furrow-slice of surface soil over into the bottom of the furrow more effectually than can otherwise be done, and the back or large plow brings its furrow-slice over and covers it completely, leaving the surface level and light. *It will completely invert weeds, stubble and manure, or heavy clover, so that it will not drag up.* No corn stubble can be plowed as it should be without it. Sod, at one plowing, is made as mellow as a summer fallow, and can be harrowed across the furrow without dragging up a particle of turf.

An important advantage the jointer has over the coulter is *its cheapness of repair*. The coulter very soon becomes dull and blunt, requiring upsetting and refacing with steel, costing from four to six shillings, and time in going to the blacksmith's shop, worth in the busy season, as much more. When the Jointer point becomes worn out, the farmer only has to loosen one bolt, replace it with a new one, making the jointer as good as new, at a cost of only twenty-five cents and five minutes time at the longest.



The jointer does not increase the draft any more than a coulter, and will work wherever a coulter can be used.

Our Plows are furnished with Jointer or Coulter, at the option of the purchaser.



YOU WILL  
MAKE A MISTAKE

IF YOU DO NOT SEE AND TRY THE

 **PLOWS** 

CULTIVATORS AND

 **GANG PLOWS** 

—MANUFACTURED BY—

**J. G. COCKSHUTT**

BRANTFORD, ONTARIO, CANADA.



—FOR SALE BY—